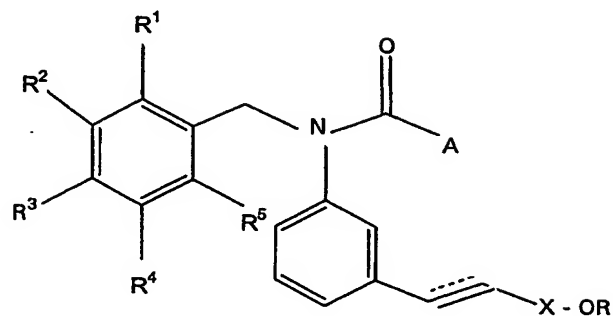


That which is claimed is:

1. A compound having the structure:



wherein:

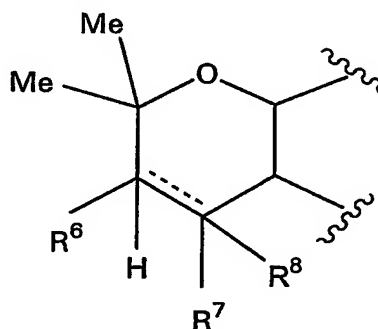
A is a C3 up to C8 branched chain alkyl or substituted alkyl group, a C3 up to C7 cycloalkyl or substituted cycloalkyl, an optionally substituted aryl or an optionally substituted heteroaryl,

X is  $-\text{C}(\text{O})-$  or  $-\text{CH}_2-$ ,

R is methyl or ethyl,

R<sup>1</sup> is H, hydroxy, alkoxy, benzyloxy, mesityloxy, or  $-\text{OCH}_2\text{C}(\text{O})\text{OC}_2\text{H}_5$ ,

R<sup>2</sup> is H or R<sup>2</sup> can cooperate with R<sup>3</sup> to form a benzopyran, wherein the pyran ring has the structure:



wherein:

R<sup>6</sup> is not present if the pyran ring is unsaturated, or, if present, is selected from H, -OR, wherein R is alkyl or acyl, or R<sup>6</sup> can cooperate with R<sup>7</sup> to form a cyclic acetal, a cyclic ketal, or a cyclopropyl moiety, and

only one of R<sup>7</sup> and R<sup>8</sup> is present if the pyran ring is unsaturated, or R<sup>7</sup> and R<sup>8</sup> are independently H, carboxyl, cyano, hydroxy, alkoxy, thioalkyl, aryl, or R<sup>7</sup> and R<sup>8</sup> taken together comprise a carbonyl oxygen or an oxime nitrogen, or either R<sup>7</sup> or R<sup>8</sup> can cooperate with R<sup>6</sup> to form a cyclic acetal, a cyclic ketal, or a cyclopropyl moiety, R<sup>3</sup> can cooperate with R<sup>2</sup> to form a benzopyran having the structure set forth above, or R<sup>3</sup> is alkenyl, optionally substituted aryl or heteroaryl, or optionally substituted arylalkenyl or heteroarylalkenyl,

R<sup>4</sup> is H or hydroxy, and

R<sup>5</sup> is H, hydroxy, alkoxy or aryloxy.

2. The compound of claim 1 wherein R<sup>2</sup> and R<sup>3</sup> cooperate to form a benzopyran.
3. The compound of claim 2 wherein A is cyclopropyl, X is -C(O)-, R<sup>1</sup> is methoxy, R<sup>6</sup> and R<sup>7</sup> are absent, and R<sup>4</sup>, R<sup>5</sup> and R<sup>8</sup> are hydrogen.
4. The compound of claim 2 wherein A is cyclopropyl, X is -CH<sub>2</sub>-, R<sup>1</sup> is methoxy, R<sup>6</sup> and R<sup>7</sup> are absent, and R<sup>4</sup>, R<sup>5</sup> and R<sup>8</sup> are hydrogen.
5. The compound of claim 2 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> is methoxy, R<sup>6</sup> and R<sup>7</sup> are absent, and R<sup>4</sup>, R<sup>5</sup> and R<sup>8</sup> are hydrogen.
6. The compound of claim 2 wherein A is phenyl, X is -C(O)-, R<sup>1</sup> is methoxy, R<sup>6</sup> and R<sup>7</sup> are absent, and R<sup>4</sup>, R<sup>5</sup> and R<sup>8</sup> are hydrogen.
7. The compound of claim 2 wherein A is phenyl, X is -C(O)-, R<sup>1</sup> is methoxy, R<sup>6</sup> and R<sup>7</sup> cooperate to form a dichlorocyclopropyl ring, and R<sup>4</sup>, R<sup>5</sup> and R<sup>8</sup> are hydrogen.
8. The compound of claim 2 wherein A is cyclohexyl, X is -C(O)-, R<sup>1</sup> is methoxy, R<sup>6</sup> and R<sup>7</sup> cooperate to form a dichlorocyclopropyl ring, and R<sup>4</sup>, R<sup>5</sup> and R<sup>8</sup> are hydrogen.
9. The compound of claim 1 wherein R<sup>3</sup> is alkenyl.

10. The compound of claim 9 wherein A is cyclohexyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is  $-\text{CH}=\text{CH}-\text{C}(\text{O})-\text{O}-t\text{Bu}$ .
11. The compound of claim 1 wherein  $R^3$  is optionally substituted aryl or heteroaryl.
12. The compound of claim 11 wherein A is cyclohexyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is phenyl.
13. The compound of claim 11 wherein A is cyclohexyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is p-thiomethyl-phenyl.
14. The compound of claim 11 wherein A is cyclohexyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is m-methoxy-phenyl.
15. The compound of claim 11 wherein A is cyclohexyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is m-acetyl-phenyl.
16. The compound of claim 11 wherein A is cyclohexyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is 5-methyl-2-thiophene-yl.
17. The compound of claim 11 wherein A is cyclohexyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is 5-acetyl-2-thiophene-yl.
18. The compound of claim 11 wherein A is cyclohexyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is 4-dimethylamino-phenyl.
19. The compound of claim 11 wherein A is isopropyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is 4-dimethylamino-phenyl.

20. The compound of claim 11 wherein A is cyclohexyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is 2,3-(O-CH<sub>2</sub>-O)-phenyl.
21. The compound of claim 11 wherein A is isopropyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is 2,3-(O-CH<sub>2</sub>-O)-phenyl.
22. The compound of claim 1 wherein  $R^3$  is or optionally substituted arylalkenyl or heteroarylalkenyl.
23. The compound of claim 22 wherein A is cyclohexyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is -CH=CH-phenyl.
24. The compound of claim 22 wherein A is isopropyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is -CH=CH-phenyl.
25. The compound of claim 22 wherein A is cyclohexyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is -CH=CH-p-methoxy-phenyl.
26. The compound of claim 22 wherein A is cyclohexyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is -CH=CH-o-fluoro-phenyl.
27. The compound of claim 22 wherein A is isopropyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is -CH=CH-o-fluoro-phenyl.
28. The compound of claim 22 wherein A is cyclohexyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is -CH=CH-m-fluoro-phenyl.
29. The compound of claim 22 wherein A is isopropyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is -CH=CH-m-fluoro-phenyl.
30. The compound of claim 22 wherein A is cyclohexyl, X is -C(O)-,  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  are hydrogen, and  $R^3$  is -CH=CH-p-fluoro-phenyl.

31. The compound of claim 22 wherein A is isopropyl, X is -C(O)-, R<sup>1</sup> R<sup>2</sup>, R<sup>4</sup> and R<sup>5</sup> are hydrogen, and R<sup>3</sup> is -CH=CH-p-fluoro-phenyl.

32. A formulation comprising at least one compound according to claim 1 in a pharmaceutically acceptable carrier therefor.